

IN THE CLAIMS

The following listing of claims replaces all prior listings:

1. (Currently Amended) A method of processing platform-specific events by a virtual machine that operates on a first platform, wherein said virtual machine concurrently supports a first and a second task, said method comprising:

receiving, by a virtual machine, a plurality of platform-specific events ~~event from a user input device, wherein the platform-specific event is~~ which are associated with the first platform;

~~selecting, by said virtual machine, one of concurrently determining which of said first and second tasks as a selected task for receiving~~ should receive each of said platform-specific ~~events~~ event so as to facilitate user interaction with said first and second tasks while said first and second tasks are concurrently supported by said virtual machine;

simultaneously manipulating each of said platform-specific ~~event~~ events received ~~from the user input device~~ by modifying ~~its~~ the data structure of each event to ~~be compliant~~ comply with a data structure format supported by said selected task, thereby to represent ~~said each~~ platform-specific event in a form that is accessible by said selected task; and

processing each of said platform-specific ~~event~~ events by the respective ~~said~~ selected task.

2. (Previously Presented) The method as recited in claim 1, wherein said method further comprises:

providing an event-repository and an event-handler at said selected task; and

placing said platform-specific event in said event-repository;

invoking said event-handler to initiate processing of said platform-specific event; and

processing, by said event-handler, said platform-specific event.

3. (Previously Presented) The method as recited in claim 2, wherein said event-repository is implemented as a first-in first-out queue, wherein said event-handler is implemented as an event-handler thread, and wherein said selection is performed by an event-manager thread of said virtual machine.

4. (Previously Presented) The method as recited as claim 1, wherein said platform-specific event is manipulated to be associated with a Java compliant data structure.
5. (Previously Presented) The method as recited in claim 4, wherein said manipulating of said platform-specific event is performed by said virtual machine.
6. (Previously Presented) The method as recited in claim 1, wherein said selected task is associated with a Java compliant Mobile Information Device Profile application (MIDlet).
7. (Cancelled)
8. (Previously Presented) The method as recited in claim 1, wherein said selection comprises: selecting a foreground task when said selection is made.
9. (Previously Presented) The method as recited in claim 1, wherein said selected task is associated with a Java compliant Mobile Information Device Profile application (MIDlet), and wherein said selection comprises:
selecting a foreground task when said selection is made, said foreground task ~~being one of~~ processed in the foreground relative to an unselected task and displayed in the foreground relative to the unselected task.
10. (Previously Presented) The method as recited in claim 9, wherein said selecting said foreground tasks comprises: selecting a task that is displayed for a user.
11. (Previously Presented) The method as recited in claim 10, wherein said first platform includes a mobile device.
12. (Currently Amended) A computer-implemented virtual machine for processing platform-specific events associated with a first platform, wherein said virtual machine concurrently supports a first and a second task, said virtual machine comprising:

first and second tasks ~~that are~~ concurrently operating on said virtual machine; and

a platform-specific event dispatcher that operates to:

receive a plurality of platform-specific events ~~event from a user input device,~~
~~wherein the platform-specific event is~~ associated with said first platform; and

concurrently select one which of said first and second tasks should receive each
of said platform specific events ~~as a selected task for processing said platform-specific event so~~
~~as to facilitate user interaction with said first and second tasks while said first and second tasks~~
~~are concurrently supported by said virtual machine,~~

wherein said virtual machine simultaneously manipulates each of said platform-specific
~~event events~~ received ~~from the user input device~~ by modifying its data structure to be compliant
with a data structure format supported by said selected task, thereby to represent each of said
platform-specific ~~event events~~ in a form that is accessible by said selected task.

13. (Previously Presented) The computer-implemented virtual machine as recited in claim 12, wherein said virtual machine further comprises: a platform-specific event-handler at said selected task, wherein said platform-specific event-handler is invoked when said selected task is selected, and wherein said platform-specific event-handler processes said platform-specific event when said platform-specific event-handler is invoked.

14. (Previously Presented) The computer-implemented virtual machine as recited in claim 12, wherein said virtual machine further comprises: a platform-specific event-repository and a platform-specific event-handler at said selected task; and said platform-specific event-dispatcher can further operate to: place said platform-specific event in said platform-specific event-repository; and invoke said platform-specific event-handler to initiate processing of said platform-specific event.

15. (Currently Amended) A method of processing platform-specific events by a virtual machine that operates on a first platform, wherein said virtual machine concurrently supports a first and a second task on said first platform, said method comprising:

receiving, by a virtual machine, a plurality of platform-specific events which are event
~~from a user input device, wherein the platform-specific event is~~ associated with the first
platform;

determining, by said virtual machine, which one of said first and second tasks is a foreground task, wherein said foreground task is displayed in the foreground relative to the other of the first and second tasks;

~~_____ concurrently selecting, by said virtual machine, which of the plurality of platform-specific events are sent to the foreground task for receiving said platform-specific event so as to facilitate user interaction with said first and second tasks while said first and second tasks are concurrently supported by said virtual machine;~~

~~_____ manipulating each of said platform-specific event events received from the user input device by modifying its data structure to be compliant with a data structure format supported by said foreground task, thereby to represent each of said platform-specific event events in a form that is accessible by said foreground task; and~~

~~_____ processing, by said foreground task, each of said platform-specific events sent to the foreground task event.~~

16. (Previously Presented) The method as recited in claim 15, wherein said first platform includes a mobile device.

17. (Previously Presented) The method as recited in claim 15, wherein said first and second tasks are associated with Mobile Information Device Profile applications (MIDlets).

18. (Currently Amended) A computer-implemented virtual machine that concurrently supports a first and a second task on a first platform, and wherein said virtual machine operates to:

~~_____ receive a plurality of platform-specific events ~~event from a user input device, wherein the platform-specific event is~~ which are associated with said first platform;~~

~~_____ determine which one of said first and second tasks is a foreground task, wherein said foreground task is displayed in the foreground relative to other of the first and second tasks;~~

~~_____ concurrently select the foreground task which of the plurality of platform-specific events are sent to the foreground task for receiving said platform-specific event so as to facilitate user interaction with said first and second tasks while said first and second tasks are concurrently supported by said virtual machine;~~

manipulate each of said platform-specific ~~event events~~ received ~~from the user input device~~ by modifying its data structure to be compliant with a data structure format supported by said foreground task, thereby to represent each of said platform-specific ~~event events~~ in a form that is accessible by said foreground task; and

process ~~said~~ each of said platform-specific ~~event events~~ by ~~said the respective~~ foreground task.

19. (Previously Presented) The computer-implemented virtual machine as recited in claim 18,

wherein said virtual machine operates on a mobile device; and

wherein said foreground task is associated with a Java compliant Mobile Information Device Profile application (MIDlet).

20. (Currently Amended) A computer readable storage medium including a computer program for processing platform-specific events by a virtual machine that operates on a first platform, wherein said virtual machine concurrently supports a first and a second task, said computer readable medium comprising:

computer program code for receiving a plurality of platform-specific ~~event events~~ ~~from a user input device, wherein the platform-specific event is~~ which are associated with the first platform;

computer program code ~~for selecting~~ which concurrently selects one which of said first and second tasks ~~as a selected task for receiving~~ should receive each of said platform-specific ~~events event~~ ~~so as to facilitate user interaction with said first and second tasks while said first and second tasks are concurrently supported by said virtual machine;~~

computer program code ~~for manipulating~~ which manipulates each of said platform-specific ~~event events~~ received ~~from the user input device~~ by modifying its data structure to be compliant with a data structure format supported by said selected task, thereby to represent each of said platform-specific ~~event events~~ in a form that is accessible by said selected task; and computer program code for processing each of said platform-specific ~~event events~~ by ~~said the~~ respective selected task.

21. (Cancelled).

22. (Previously Presented) The computer readable storage medium as recited in claim 20, wherein said selected task is associated with a Java compliant Mobile Information Device application (MIDlet).